

Appl. No. 10/689,012

Amendment in Resp. to Office Action of Feb 4, 2005

UTILITY PATENT

B&D No. TN-3167A

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 31 (currently amended): A level disposable on a reference surface comprising:

a housing;

a first light diode disposed in the housing for emitting a first light beam along a first path;

a first lens disposed in the housing in the first path for converting the first laser light beam into a first planar beam, the first planar beam forming a first line on the reference surface;

a hanging assembly connected to the housing for mounting the level to the reference surface, the hanging assembly comprising a reference surface assembly that contacts the reference surface; and

a magnet disposed on one of the reference surface assembly and the housing, and a metal plate disposed on the other of the reference surface assembly and the housing, wherein said hanging assembly is connected to said housing via said metal plate and said magnet.

Claim 32 (previously presented): The level of Claim 31, further comprising a second light diode disposed in the housing for emitting a second light beam along a second path, and a second lens disposed in the housing in the second path for converting the second laser beam into a second planar beam, the second planar beam forming a second line on the reference surface.

Claim 33 (previously presented): The level of Claim 32, wherein the first and second lines are substantially perpendicular.

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Claim 34 (previously presented): The level of Claim 32, wherein the first and second lines are substantially parallel.

Claim 35 (previously presented): The level of Claim 31, further comprising a detector circuit disposed in the housing for detecting a feature behind or underneath the reference surface.

Claim 36 (previously presented): The level of Claim 35, wherein the detector circuit detects at least one of the group consisting of studs, wire and pipes.

Claim 37 (previously presented): The level of Claim 35, wherein the detector circuit controls the first light diode so that, upon detecting the feature, the first light diode lights up.

Claim 38 (previously presented): The level of Claim 35, wherein the detector circuit does not control the first light diode.

Claim 39 (previously presented): The level of Claim 31, wherein the first line is substantially horizontal and the reference surface is a substantially vertical wall.

Claim 42 (previously presented): The level of Claim 31, wherein the reference surface assembly comprises at least one of the group consisting of a pin and a mandrel.